

SEQUENCE LISTING

<110> Levy, Gary

Clark, David A.

<120> Methods of Modulating Immune Coagulation

<130> 9579-14

<140> US 09/442,143

<141> 1999-11-15

<150> US 60/046,537

<151> 1997-05-17

<150> US 60/061,684

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<211> 613

<212> DNA

<213> Homo sapiens

<400> 6

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gttgtggcaa acaatgaaac agaggaaatt aaagatgaaa gagcaaagga tgtctgcccc 120
gtgagactag aaagcagagg gaaatgcgaa gaggcagggg agtgccccta ccaggtaagc 180
ctgccccct tgactattca gctcccgaag caattcagca ggatcgagga ggtgttcaaa 240

ca¹

ck

gaagtccaaa acctcaagga aatcgtaa atgtctaaaga aatcttgcca agactgcaag 300
 ctgcaggctg atgacaacgg agaccaggc agaaacggac tgttggtacc cagtacagga 360
 gccccgggag aggttggtga taacagagtt agagaattag agagtgaggt taacaagctg 420
 tcctctgagc taaagaatgc caaagaggag atcaatgtac ttcattggctg cctggagaag 480
 ctgaatcttg taaatatgaa caacatagaa aattatgttg acagcaaagt ggcaaatcta 540
 acatttggtg tcaatagttt ggatggcaaa tgttcaaagt gtcccagcca agaacaata 600
 cagtcacgtc cag 613

<210> 7

<211> 707

<212> DNA

<213> Murine

C21

<400> 7

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 agaccatggg tggaggctgg acggtgctgc aggtctgcct tgatggcagc accaacttca 180
 ccagagagtg gaaagactac aaagccggct ttggaaacct tgaacgagaa ttttggttgg 240
 gcaacgataa aattcatctt ctgaccaaga gtaaggaaat gatcttgaga atagatcttg 300
 aagactttta tgggtctcaca ctttatgcct tgtatgatca gttttatgtg gctaataaat 360
 ttctcaaata ccgattacac atcggtaact acaatggcac ggcaggggat gccttgcggt 420
 tcagtcgaca ctacaacct gacctgaggt ttttcacaac cccagacaga gacaacgatc 480
 ggtacccttc tgggaactgt gggctctatt acagctcagg ctggtgggtt gattcatgtc 540
 tctctgcaa cttaaatggc aaatattacc accagaaata caaagggtgtc cgtaattggga 600
 ttttctgggg cacctggcct ggtataaacc aggcacagcc aggtgggtac aagtcctcct 660
 tcaaacaggc caagatgatg attaggcca agaatttcaa gccataa 707

<210> 8

<211> 707

<212> DNA

<213> Homo sapiens

<400> 8

49

4

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agaccatggg gggaggctgg acagtgtgc aggcacgtct cgatgggagc accaacttca 180
ccagaacatg gcaagactac aaagcaggct ttggaaacct cagaaggga ttttggctgg 240
ggaacgataa aattcatctt ctgaccaaga gtaaggaaat gattctgaga atagatcttg 300
aagactttta tgggtgtcgaa ctatatgcct tgtatgatca gttttatgtg gctaagtgtg 360
ttctcaaata tcgtttacac gttggtaact ataatggcac agctggagat gcattacgtt 420
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gatatccttc tgggaactgt gggctgtact acagttcagg ctgggtgggtt gatgcatgtc 540
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ttttctgggg tacctggcct ggtgtaagtg aggcacaccc tgggtggctac aagtcctcct 660
tcaaagaggg taagatgatg atcagaccca agcactttta gccataa 707

c27

<210> 9
<211> 1052
<212> DNA
<213> Homo sapiens

<220>
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<222> (384)..(384)
<223> n is any nucleic acid

<220>
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<222> (468)..(468)
<223> n is any nucleic acid

<220>
<221> misc_feature
<222> (470)..(470)
<223> n is any nucleic acid

<220>
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<222> (505)..(505)
<223> n is any nucleic acid

<220>
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<222> (524)..(524)
<223> n is any nucleic acid

C21

<220>
<221> misc_feature
<222> (668)..(668)
<223> n is any nucleic acid

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tcatagctaa aaaatgatgt ctgacggcta gggtcttatg ctacacagca ttgaaaataa 180
agctgaaaaa caatgcattt taaaggagtc ctttggtggt atgctgttat ccaatgaaca 240
cttgcaagca attagcaata ttgagaatta tacattagat ttacaattct ttttaatttct 300
attgaaactt tttctattgc ttgtattact tgctgtattt aaaaaataat tgttggtctgg 360
gtgtggttagc tcacgcctgt aatnccagca ctttggaatg tcaaggcagg cagatcactt 420
gaggtcagga gtttgagacc agcctggcca aacatgtgaa acgctgtntn tattaataat 480
acaaaaatta gccgggcatg gtggnacatg cctgtaatcc tagntacttg ggaggctgag 540
gcaggagaat cgcttgaacc tgagaggaag aggttgcagt gagccaagaa tgagccactg 600
cactccagca tgggtgacag agaaaactct gtctcaaaca aaaaaataat aaaatttatt 660
cagtaggntg gattctacac aaagtaatct gtatttgggc catgatttaa gcacatctga 720
aggtatatca ctcttttcag gctataatta tttgggtaat cttcattctg agacaaactt 780
aatctatata atttactttg caacagaaca accctacagc attttgggtc ccagactaag 840
ggaactaata tctatataat taaacttggt catttatcat tcatgaaata taaaatactt 900

gtcattttaa ccgttttaa atgtggtagc ataatgtcac cccaaaaagc attcagaaaag 960
 caatgtaact gtgaagacca gggttttaa gtaattcatt tatagtttat aactccttag 1020
 atgtttgatg ttgaaaactg ctttaacatg aa 1052

<210> 10
 <211> 1339
 <212> DNA
 <213> Murine

C27

<400> 10
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 gacaaggcat aaggcgtgtc tgacaaattc ttcatacaca catttcccct ttgcacattc 120
 agtctgtata ggttatttct ataggagaaa aaaaatatc aaattccttg tgcactggta 180
 acaggcatga aggctcagca aagccaatac gtgttatgtc cagttggaga cagtgccagg 240
 gccaacattc cagacttctc agatagaaag tgcgcctgcc tgccctgctc tgagaatttg 300
 aagagagtag ttcagttaga attaagaggc agtagagaaa agtcttggga aatctggta 360
 gagatataaa tatgagaact ggacatgggtg gtacacacct gtgatctctg tgtttaggag 420
 ggagaggcag agagatcagg agttcaaggc cagcctgagc tacttgagac ccagtctaaa 480
 taaataagag atagattaca gagtgccttt aactagtaca gagaaagaat ttgggtttat 540
 ctgtgtcagt tacgctgaaa taatttttaa gtaataaaat cccttttaat aagaaacctt 600
 atgaggtcag tatgcacaat gaacttaaga gagaccccca gtcctgagc tgagtgatgg 660
 ggaaggacag ccactgcctg tgatgtgtga gtgacgtgct tccaagtgtt ttaaccactg 720
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 cttttacaaa cagatgagag acacacacag agaatccatt taaagagcgg acctttgttc 840
 tgattagggg caattttaag tacttaagag ttcacacaaa gtctagcctt caaaaagaaa 900
 acaggttccc aaactaggga ggaaacagaa tcatttccat tttggtgaca tttagtggga 960
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 tctattgtgc atagttttga ctgacaggag atgacagcat ttggctggct gcgcttgctg 1200
 aggaccctct cctcctgtgt ggcgtctgag actgtgatgc aaatgcgccc gcccttttct 1260
 gggaactcag aacgcctgag tcaggcggcg gtggctatta aagcgctgg tcaggctggg 1320
 ctgccgcact gcaaggatg 1339

<210> 11
<211> 1338
<212> DNA
<213> Homo sapiens

C27

<400> 11
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aaaagtcata ggaaatcagg ttaaagacat aaatatgaga taggctacag agtggttttaa 180
gtaatacaat aaaacattta gatttttggc catgtcagtc attttgaaat tattttttaa 240
gcaaaaaaac cttttttaa caagaaatct tatgagatgt caatatgcaa aacaaattaa 300
aaggaggtgg tttctctaac tgaagctgtt cctctttcct gccttcagcc tctgaagaga 360
aagttagaaa actattatca ttaatgctac atgttttgaa caagctgata taccaagtgg 420
cccagagagc aggtagaaga accagcgtgg agacagaaag caagaggccc gcctgccagg 480
gctacctgca gaaagaaaagg gcaaagatgc tgtaggcaag agaagttcag gacagacact 540
ggcatagctc aaagattcac atttgagcag ctgtggaaga tgacagtaca ataccaaaat 600
gtcgaagggc aaaggaggca gctactgggt ttgatgaaag acaattatgt ctttttaa 660
gggtcttaga catttagaca tttatataca ctatgctacg gacaaaggaa tagaaagtag 720
cacttttttc tccactagtt ttcttctctt tttcaagtag atgaagcaaa agtcaactgc 780
aatagtcaga aagctgtact ttgttacact tagaaacttc taaaagtgt taagatttca 840
cctgaaagtc caacatgaag aaaatacagg ctccccaatg cccatttcta agaagaaaaa 900
ggaccatttt catttttagta acgtttctgt tctatagaca gtttgataa ctagctctta 960
ctttttatct ttaaaaactg tttttccagt gaagttacgt ataattattt acttcaagcg 1020
tagtatacca aattacttta gaaatgcaag acttttctta tacttcataa aatacattat 1080
gaaagtgaat cttgttggt gtgtacattt gactataata atttcaatgc atattatttc 1140
tattgagagt aagttacagt ttttggcaaa ctgcgtttga tgagggtat ctctcttcc 1200
tgtgcgtttc taaaacttgt gatgcaaagc ctcccacct ttctctggga cacagaaagc 1260
ctgactcagg ccatggccgc tattaaagca gctccagccc tgcgcactcc ctgctgggtg 1320
agcagcactg taaagatg 1338

<210> 12
<211> 1339

<212> DNA

<213> Homo sapiens

<400> 12

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aaaagtcata ggaaatcagg ttaaagacat aaatatgaga taggctacag agtggttttaa 180
gtaatacaat aaaacattta gatttttgcc catgtcagtc attttgaaat tattttttaa 240
gcaaaaaaac ctttttttaa caagaaatct tatgagatgt caatatgcaa aacaaattaa 300
aaggaggtgg tttctctaac tgaagctgtt cctctttcct gccttcagcc tctgaagaga 360
aagttagaaa actattatca ttaatgctac atgttttgaa caagctgata taccaagtgg 420
cccagagagc aggtagaaga accagcgtgg agacagaaag caagaggccc gcctgccagg 480
gctacctgca gaaagaaagg gcaaagatgc tgtaggcaag agaagttcag gacagacact 540
ggcatagctc aaagattcac atttgagcag ctgtggaaga tgacagtaca attacaaaa 600
tgtcgaaggg caaaggaggc agctactggt tttgatgaaa gacaattatg tcctttttaa 660
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gcactttttt ctccactagt tttcttctct ttttcaagta gatgaagcaa aagtcaactg 780
ccaatagtca gaaagctgta ctttggtaca cttagaaact tctaaaagtg cttaagattt 840
cacctgaaac gccaacatga agaaaatata ggctcccaa tgccccattc taagaagaaa 900
aaggaccatt ttcatttttag taacgtttct gttctataga cagtttggat aactagctct 960
tactttttat ctttaaaaac tgtttttcca gtgaagttac gtataattat ttacttcaag 1020
cgtagtatac caaattactt tagaaatgca agacttttct tatacttcat aaaatacatt 1080
atgaaagtga atcttggttg ctgtgtacat ttgactataa taatttcaat gcatattatt 1140
tctattgaga gtaagttaca gtttttggca aactgcgttt gatgagggct atctcctctt 1200
cctgtgcgtt tctaaaactt gtgatgcaaa cgctcccacc ctttcctggg aacacagaaa 1260
cgctactcag gcacgtgccg gtattaaagc agctccagcc ctgcgcactc cctgctgggt 1320
gagcagcact gtaaagatg 1339

C27

<210> 13

<211> 328

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (265)..(265)

<223> n is any nucleic acid

<400> 13

ccaagtatat aatatggtat cttttgggca ctggtattac aactgttttt taaacaaaag 60
actttccttg tgctttacta aaaaccaga cggtgaatct tgaatacaat gcgtggcacc 120
cacggcaggc attctattgt gcatagtttt gactgacagg agatgacagc atttggctgc 180
gtgcgcttgc tgaggaccct ctctcctgt gtggcgctctg agactgtgat gcaaagcgc 240
ccgccctttt ctgggaactc agaangcctg agtcaggcgg cggtggtctat taaagcgcct 300
ggtcaggctg ggctgccgca ctccaagg 328

C27

<210> 14

<211> 23

<212> DNA

<213> Artificial Sequence

<220>

<223> Primer

<400> 14

caaaagaagc agtgagacct aca 23

<210> 15

<211> 23

<212> DNA

<213> Artificial Sequence

<220>

<223> Primer

<400> 15

ttatctggag tggtagaaaaa ctt 23

<210> 16

AB

17

<211> 22
<212> DNA
<213> Artificial Sequence

<220>

<223> Primer

<400> 16
gcaaacaatg aaacagagga aa

22

<210> 17

<211> 24

<212> DNA

<213> Artificial Sequence

C27

<220>

<223> Primer

<400> 17
attgccctat tagataacga atac

24

<210> 18

<211> 15

<212> PRT

<213> Homo sapiens

<400> 18

Asp Arg Tyr Pro Ser Gly Asn Cys Gly Leu Tyr Tyr Ser Ser Gly
1 5 10 15

<210> 19

<211> 7

<212> DNA

<213> Artificial Sequence

<220>

C28

C29

<223> API motif

<220>

<221> misc_feature

<222> (4)..(4)

<223> n is G or C

<400> 19
tgantca

7

<210> 20

<211> 22

<212> DNA

<213> Artificial Sequence

C2?

<220>

<223> Primer

<400> 20
gaaatacaaa aaccgcagaa gg

22

<210> 21

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Primer

<400> 21
tcttgggaaa tctggttaga g

21

<210> 22

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

G15

C

<223> Primer

<400> 22
gagctgagtg atggggaagg a

21

<210> 23

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Primer

<400> 23
gggcactggt attacaactg t

21

<210> 24

<211> 21

<212> DNA

<213> Artificial Sequence

C27

<220>

<223> Primer

<400> 24
ctcctcctgt gtggcgtctg a

21

<210> 25

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Primer

<400> 25
ggataaggag ggcagggtga a

21

<210> 26

<211> 21
<212> DNA
<213> Artificial Sequence

<220>

<223> Primer

<400> 26
acagttgtaa taccagtgcc c

21

<210> 27
<211> 21
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<213> Artificial Sequence

C27

<220>
<223> Primer
<400> 27
aacggagacc caggcagaaa c

21

<210> 28
<211> 21
<212> DNA
<213> Artificial Sequence

<220>

<223> Primer

<400> 28
cttcgggagc tgaatagtca a

21

<210> 29
<211> 21
<212> DNA
<213> Artificial Sequence

<220>

an

e

~~85~~
23

<223> Primer

<400> 29
gacagcaaag tggcaaattct a

21

<210> 30

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Primer

<400> 30
ttctggtgaa gttggtgctc c

21

<210> 31

<211> 23

<212> DNA

<213> Artificial Sequence

C27

<220>

<223> Primer

<400> 31
caaaagaagc agtgagacct aca

23

<210> 32

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Primer

<400> 32
tgaccaagag taaggaaatg a

21

<210> 33

58

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<211> 22
<212> DNA
<213> Artificial Sequence

<220>

<223> Primer

<400> 33
tgactgtatt tgttcttggc tg

22

<210> 34

<211> 21

<212> DNA

<213> Artificial Sequence

C27

<220>

<223> Primer

<400> 34
ttctgggaac tgtgggctgt a

21

<210> 35

<211> 19

<212> DNA

<213> Artificial Sequence

<220>

<223> Primer

<400> 35
ccagcttcac ctttacagt

19

<210> 36

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

25

<223> Primer

<400> 36
aatcactctg ttcattcctc c

21

<210> 37

<211> 19

<212> DNA

<213> Artificial Sequence

<220>

<223> Primer

<400> 37
gaaataatat gcattgaaa

19

<210> 38

<211> 19

<212> DNA

<213> Artificial Sequence

C27

<220>

<223> Primer

<400> 38
aacgcacagg aagaggaga

19

<210> 39

<211> 19

<212> DNA

<213> Artificial Sequence

<220>

<223> Primer

<400> 39
ttgacatcct ttgagatat

19

<210> 40

100

2

<211> 17
<212> DNA
<213> Artificial Sequence

<220>

<223> Primer

<400> 40
atgggggcatt ggggagc

17

<210> 41
<211> 19
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C27

<220>

<223> Primer

<400> 41
ggctatctcc tcttctgt

19

<210> 42
<211> 20
<212> DNA
<213> Artificial Sequence

<220>

<223> Primer

<400> 42
tgagctatgc cagtgtctgt

20

<210> 43
<211> 19
<212> DNA
<213> Artificial Sequence

<220>

101

3

<223> Primer

<400> 43
caagcgtagt ataccaaat

19

<210> 44

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Primer

<400> 44
aaggcaggaa agaggaac

18

<210> 45

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Primer

<400> 45
gacaaaggaa tagaaagtag c

21

<210> 46

<211> 19

<212> DNA

<213> Artificial Sequence

<220>

<223> Primer

<400> 46
cagggcaaaa atctaaatg

19

<210> 47

C27

107

C

28

<211> 19
<212> DNA
<213> Artificial Sequence

<220>

<223> Primer

<400> 47
gcccagagag caggtagaa

19

<210> 48
<211> 18
<212> DNA
<213> Artificial Sequence

C27

<220>

<223> Primer

<400> 48
ccagccaggg ttgaaata

18

<210> 49
<211> 18
<212> DNA
<213> Artificial Sequence

<220>

<223> Primer

<400> 49
gccctgtcag tcattttg

18

<210> 50
<211> 19
<212> DNA
<213> Artificial Sequence

<220>

103

2

-27-
26

<223> Primer

<400> 50
aaaaacctac cagtagtct

19

<210> 51

<211> 17

<212> DNA

<213> Artificial Sequence

<220>

<223> Primer :

<400> 51
ttggggtgac attatgc

17

C27

<210> 52

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Primer

<400> 52
tgagcagcac tgtaaagatg

20

<210> 53

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Primer

<400> 53
gtggcttaaa gtgcttgggt

20

104

4